Technology Education Program Information

New Web Design -- The Division of Vocational and Adult Education, including all program areas, has a new web design and have been reorganized. Check out our new format and be sure to reset your bookmarks. http://www.dese.state.mo.us/divvoced/index.htm. You can find the Technology Education link in the right hand column of blue buttons titled "Technology Education".

TEAM Fall Conference – Mark you calendars for Saturday, October 5, 2002 to attend the TEAM Annual Fall Conference, Central Missouri State University, Grinstead Building. Plans are being finalized now and registration and workshop information will be available very soon at: http://www.dese.state.mo.us/divvoced/tech_ed_index.htm and click on the green button marked "TEAM". See you there!!!

Alternative Certification – In response to the growing teacher shortage, the State Board of Education recently approved a rule change authorizing a one-year renewable certificate. It is available for all areas of certification except Elementary 1-6, Early Childhood, Early Childhood Special Education, and administration. For more information go to: http://www.dese.state.mo.us/divteachqual/teachcert/tempauth.htm.

Project Lead The Way (PLTW) – Project Lead The Way (PLTW) seeks to create dynamic partnerships with our nation's schools to prepare an increasing and more diverse group of students to be successful in engineering and engineering technology programs by providing:

- A Fully-Developed Curriculum for High School and Middle School
- Extensive Professional Development for Teachers
- School Counselor Professional Development Conferences
- Affordability Through an Optional National Bid
- Key Partnerships with State Education Departments
- College Level Certification, College Course Credit and Middle School Recognition
- Systematic Evaluation
- Continuous Improvement, using Curriculum Development Framework

You are invited to check out PLTW at: www.pltw.org.

TEAM Membership Drive – There are 823 Technology Education Teachers in Missouri Schools and only 235 of them are members of TEAM. The challenge before us is a simple one: if what we do for students is important, then our "flagship" professional organization needs our membership, and our support. I would like to challenge each of you to be proud of what you do and become an active supportive professional member of TEAM.

Young Inventors – The Craftsman/NSTA Young Inventors Awards Program challenges students to use creativity and imagination along with science, technology, and mechanical ability to invent or modify a tool. This competition began in 1996. The 2003 Young Inventors Awards Program is open to all students in grades 2-8 in the United States and the U.S. Territories. Students must work independently to conceive and design their tool inventions. The student, with guidance from a teacher-advisor, parent, or significant adult, will design and build a tool. The tool must perform a practical function, including (but not limited to) tools that mend, make life easier or safer in some way, entertain, or solve an everyday problem. For more information go to: http://www.nsta.org/programs/craftsman/.

ITEA News – ITEA's IdeaGarden Listserv is a free resource offered to members only, in a. teacher-to-teacher format for those interested in teaching technology. Two outstanding veteran technology teachers, Gary Wynn, DTE and Ron Yuill, DTE, both from Indiana, will field questions, offer ideas, chase resources, and interact with listserv subscribers. http://www.iteawww.org/J6.html.

Bright Ideas is a service provided by the International Technology Education Association with the intent of promoting technological literacy in our school systems. This online publication is emailed four times per year **FREE** to subscribers. http://www.iteawww.org/brightideasform.html.

Technically Speaking -- Technological literacy, a broad understanding of the human-designed world and our place in it, is an essential quality for all people who live in the increasingly technology-driven 21st century. This website explains what technological literacy is, why it's important, and what's being done to improve it. http://www.nae.edu/nae/techlithome.nsf.
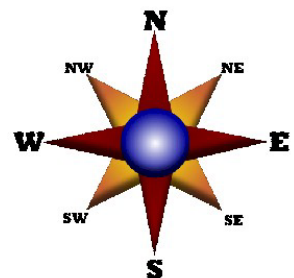
ACTE/TED News -- Technology Education serves students from Kindergarten through 12th grade. Technology education provides the backbone for technological literacy. Technology education provides the opportunities to integrate science, math, and communication principles in all curriculums. Technology educators teach students curriculum applications using materials and processes associated. Technology education represents current applications of manufacturing, construction, power, energy, transportation, career exploration, and communication. This division includes classroom teachers, teacher educators and state supervisors of technology education. For more information about ACTE/TED go to: http://www.acteonline.org/about/div-tech.html.

Missouri TSA

5th Annual Fall Leadership Connections Conference – The 5th Annual Missouri TSA Fall Leadership Connections Conference promises to be fun and exciting due to the hard work of this year's State Officer Team. They have spent many hours in preparation to make this year one of the best ever! You will want to make plans now to be a part of this historic event. Come prepared to become a leader. As a result of your attending this conference you will have the opportunity to develop your leadership skills and network with other Technology Education students from across the state. You will need the *correct password for entering* the On-Line Fall Leadership Connections Conference registration web site. This password will be forwarded to all Missouri TE teachers via "TSA News Flash" email message. For more information about Fall Leadership Connections Conference go to: http://www.dese.state.mo.us/divvoced/tsa_student_conferences.htm.

Chapter Affiliation Information – The 2002-2003 Chapter Affiliation form is now available on-line in "Fill In PDF Format" at: http://www.dese.state.mo.us/divvoced/teched_mo_tsa.htm. Just click on the button marked "Members". The priority date is October 25, 2002.

First Issue of Missouri TSA Today Newsletter – Thanks to the hard work of our 2002-2003 State Officer Team and more specifically our State Reporter, Laura McGowan, we have our first issue of "TSA Today". To download and print your own copy go to: http://www.dese.state.mo.us/divvoced/teched_mo_tsa.htm and click on the button marked "News".

National Directions Conference – Since 1989 the Technology Student Association has held an annual leadership conference for local chapter and state delegation officers and advisors. At this conference, participants gain leadership experience and learn team-building activities. Networking opportunities give students and teachers a chance to meet and learn from fellow TSA members from across the country. For more information go to: http://www.tsaweb.org/conferences_programs/directions.html.

Statewide Community Service Project Campaign – There have been several ideas mentioned for the State Wide Community Service Project. We ask that you review the list below as you plan your local chapter's community service project. For more information about these community service projects see the Fall Issue # 1 of the TSA Today Newsletter at: http://www.dese.state.mo.us/divvoced/teched_mo_tsa.htm and click on the "News" button.

Technology Education Resources

Graphics Organizers – Are you looking for assistance with development of your rubrics for scoring? Then you need to check out this site for templates and tools for graphic organizers for a variety of activities. For more information go to: http://www.sdcoe.k12.ca.us/score/actbank/torganiz.htm.

Teacher Resources – RubiStar is a tool to help the teacher who wants to use **rubrics** but does not have the time to develop them from scratch. **Read more ... Go to the tutorial** (it includes information on changing categories, their headings and content). For more information go to: http://rubistar.4teachers.org/.

The Gateway to Educational Materials – The Gateway to Educational Materials is a Consortium effort to provide educators with quick and easy access to thousands of educational resources found on various federal, state, university, non-profit, and commercial Internet sites. GEM is sponsored by the U.S. Department of Education. For more information go to: http://thegateway.org/.

Technology Education Reviews and Resources – Mark Treadwell's "Teachers @ Work Internet Tools For Teachers" web site is a dandy! This particular link has nearly 50 Technology Education web site reviews and links to each of those reviewed sites. http://www.treadwell.co.nz/reviews/technology.asp.

Generate a Rubric On-Line – There over 150,000 reviews of sites specifically for teacher resources. If you are looking for teacher worksheets, downloads, games, rubrics, or any of our other teacher tools, you can access them from the menu at the top throughout our site. Our site is constantly being updated. We add over 250 reviews every week. Be sure to join our teacher newsletter for the latest updates. For more information go to: http://www.bestteachersites.com/web_tools/rubrics/teamwork/.

Tax Deduction for Education Professionals – A federal tax deduction for teachers, aides, principals, and counselors was signed into law on March 9 as a part of the Bush economic stimulus package. In the past, only teachers who itemized could deduct such expenses. Even educators using the 1040EZ will now be able to take a deduction of up to $250 a year for out-of-pocket classroom expenses. This tax deduction will be available to teacher during the next tax season. For more information go to www.irs.gov and search for publication 3991.

Thoughts for Consideration

Fact or Fiction?

*Houses had thatched roofs. Thick straw, piled high, with no wood underneath. It was the only place for animals to get warm, so all the pets... dogs, cats and other small animals, mice, rats, bugs lived in the roof. When it rained it became slippery and sometimes the animals would slip and fall off the roof. Hence the saying, **"It's raining cats and dogs"**

*There was nothing to stop things from falling into the house. This posed a real problem in the bedroom where bugs and other droppings could really mess up your nice clean bed. So, they found if they made beds with big posts and hung a sheet over the top, it addressed that problem. Hence those beautiful big **4 poster beds with canopies**

*The floor was dirt. Only the wealthy had something other than dirt, hence the saying "dirt poor." The wealthy had slate floors, which would get slippery in the winter when wet. So they spread thresh on the floor to help keep their footing. As the winter wore on they kept adding more thresh until when you opened the door it would all start slipping outside. A piece of wood was placed at the entryway, hence a **"thresh hold."**

*More Facts or Fiction stories can be found at http://www.silverleafrenfaire.org/interesting_facts.htm

Interesting Facts!

@The Eisenhower interstate system requires that one mile in every five must be straight. These straight sections are usable as airstrips in times of war or other emergencies.

@The Boston University Bridge (on Commonwealth Avenue, Boston, Massachusetts) is the only place in the world where a boat can sail under a train driving under a car driving under an airplane.

@Emus cannot walk backwards.

@ More interesting facts available at http://www.netscrap.com/netscrap.cfm